

CLAIMS

What is claimed is:

- 1 1. A system comprising:
2 a content server connected to a network, said content server capable of delivering
3 content over said network, said content containing a digital watermark; and
4 at least one monitor station to receive said ¹²⁹content over said network and ^{128, 130}analyzing
5 said digital watermark for information indicative of degradation of said content. ¹³²
1 2. The system of Claim 1 wherein said network is the Internet.
1 3. The system of Claim 1 wherein said content is multimedia content.
1 4. The system of Claim 1 further including a content server monitor station to receive
2 said content directly from said content server and analyzing said digital watermark.
1 5. The system of Claim 1 wherein said digital watermark is a checkerboard pattern or a
2 gray-scale image.
1 6. The apparatus of Claim 1 wherein said content server is a broadcast operations center
2 to serve content to a plurality of edge serving sites.
1 7. The apparatus of Claim 6 wherein a monitor station is located at one of said plurality
2 of edge serving sites.
8. A method, comprising:
integrating a digital watermark into content;
distributing said content over a network as distributed content;
receiving said distributed content in at least one location of said network;
analyzing said digital watermark of said distributed content for information indicative
of the quality of said distributed content.
1 9. The method of Claim 8, further including analyzing said content prior to distribution
2 over said network for information indicative of the quality of said content.

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1 10. The method of Claim 9, further including comparing the information indicative of the
2 quality of said distributed content to the information indicative of the quality of said content.

1 11. A machine-readable medium having stored thereon instructions, which if executed by
2 a processor, cause the processor to effect the following, comprising:

3 integrating a digital watermark into content;

4 distributing said content over a network as distributed content;

5 receiving said distributed content in at least one location of said network;

6 analyzing said digital watermark of said distributed content for information indicative
7 of the quality of said distributed content.

1 12. The machine-readable medium of Claim 10, further including instructions for
2 analyzing said content prior to distribution over said network for information indicative of
3 the quality of said content.

1 13. The machine-readable medium of Claim 11, further including instructions for
2 comparing the information indicative of the quality of said distributed content to the
3 information indicative of the quality of said content.

1 14. A system comprising:

2 means to serve content that is connected to a network, said means to serve content
3 capable of delivering content over said network, said content containing a digital watermark;
4 and

5 means for monitoring to receive said content over said network and analyzing said
6 digital watermark for information indicative of degradation of said content.

1 15. The system of Claim 14 wherein said network is the Internet.

1 16. The system of Claim 14 wherein said content is multimedia content.

1 17. The system of Claim 14 further including a content server monitor station to receive
2 said content directly from said means for serving content and analyzing said digital
3 watermark.

1 18. The system of Claim 14 wherein said digital watermark is a checkerboard pattern or a
2 gray-scale image.

1 19. The apparatus of Claim 14 wherein said means to serve content is a broadcast
2 operations center for serving content to a plurality of edge serving sites.

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